



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6500X01611-W142E-3T-

7

Job Sheet 198298



Part No: RBW6500X01611-W142E-3T-7 Job Qty: 1 pcs

Part Name: Large Seat



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/24/19

Job Tracking No:

Due Date: 9/13/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6500X01611-W142E-3T REV 4 IPP Rev. A 19.04.05 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
120	Conventional Lathe - 1	1 pcs	9/13/19	0.00	2.00		Conventional Lathe - 1	
							Conventional Lathe - 2	
130	QC 2	1 pcs	9/13/19	0.00	0.00		QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S210444



Part: RBW6500X01611-W142E-3T-7

Job No: 198298

Serial No/Batch: S210444

Revision: 4

Inspector:

Exp Date:

Instructions:

Date: 08/30/19

Plex 7/24/19 2:30 PM Dart.lajeunesse.marie

140 QC 8	1 pcs	9/13/19	0.00 0.00	QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
170 Outsource - 12 - Black Oxide	1 pcs	9/13/19		GRO002-VC	
180 Packaging 2-1 - Receive - B4B	1 pcs	9/13/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	

MML 19/8/20

SEP 2019-09-03

DP SEP 13 2019

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
190 QC 6	1 pcs	9/13/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	DAS 61
					QC 6 - 40	9-89
					QC 6 - 81	
200 Packaging 3-1 - Stock - B4B	1 pcs	9/13/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	DAS 28
					Packaging 3 - 7 - B4B	9-89
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
210 QC 21 - SA	1 pcs	9/13/19	0.00 0.00		QC 21 - SA - 21	DAS 21
					QC 21 - SA - 70	9-89
					QC 21 - SA - 53	SEP 17 2019

Part Op 120 - 1-Machine as per DWG. 2-Deburr
 Description: 130 - (QC2- Inspect parts off machine FAI/FAIB)

140 - (QC8- Inspect parts - second check) Engrave T/N and/or P/N using MARKTRONIC engraver as per DWG.

170 - Issue P/O; _____ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required

180 - (Receive & Inspect for Damage & Mat'l Certs)

190 - (QC6- All purchased or subcontracted products)

200 - (Identify as per dwg & Stock Location: _____)

210 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M1018R2.500	M1018R2.500	.0830 ft (.083 ea)	120-Conventional Lathe - 1	515944

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
120-Conventional Lathe - 1	M1018R2.500	0	11	0

Part Specifications

Specifications could not be found.

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0128	-7 CHD ENGRAVE NOTE WAS "RBW6500X01611-W142E/2-3T" IS P/N.	6/4/2015	RJC	JAG

SHOP COPY

RETURN TO

ENGINEERING

UNCONTROLLED COPY

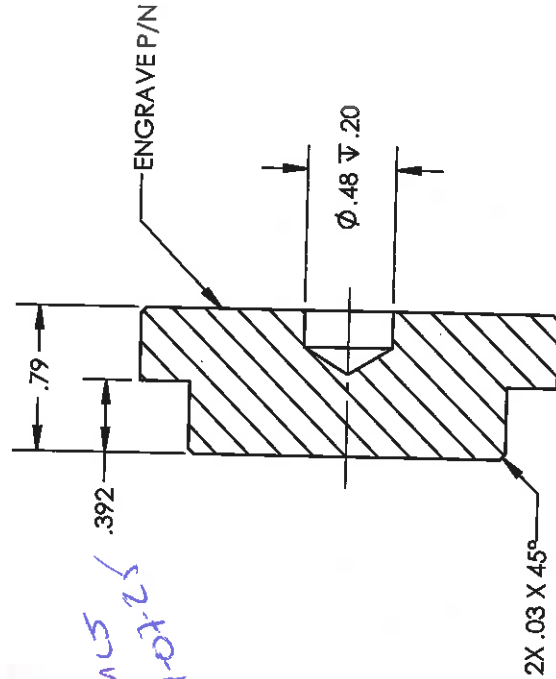
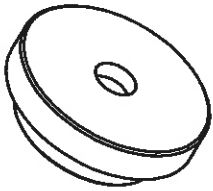
SUBJECT TO AMENDMENT

WITHOUT NOTICE

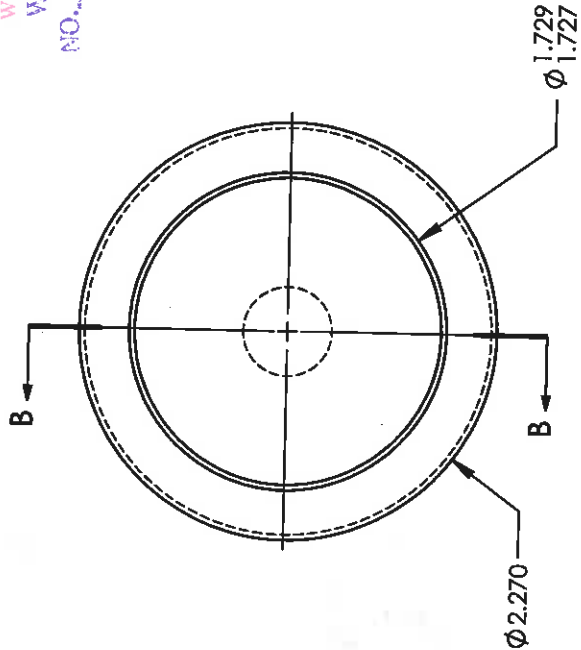
WORK ORDER

NO. 198228ms

19-07-25



SECTION B-B



TITLE
OIL SEAL HOUSING REMOVAL PULLER

DWG NO. RBW6500X01611-W142E-3T-7 REV 4

MATL 1018/1020	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D. Mel</i>
XX ±.006	REVISION
XX ±.01	FINISH
XX ±.1	BLACK OXIDE
1. BREAK ALL SHARP EDGES .015 x 45°	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE 1:1	AWT39
DATE 12/31/2008	SHEET 4 OF 8

⑦

LARGE SEAT

Entered: _____

Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ ☐ ☐ Scrap ☐ ☐ ☐ Use-as-is ☐ ☐ ☐		DEPARTMENT/PROCESS Skid-tube ☐ ☐ ☐ ☐ Machining ☐ ☐ ☐ ☐ Large Fab ☐ ☐ ☐ ☐ Cross tube ☐ ☐ ☐ ☐ Small Fab ☐ ☐ ☐ ☐ Finishing ☐ ☐ ☐ ☐ Eng. (Non-AW) ☐ ☐ ☐ ☐ Prod. Eng. Coord. ☐ ☐ ☐ ☐ Rec/Store/Packaging ☐ ☐ ☐ ☐ Engineering ☐ ☐ ☐ ☐ Water Jet ☐ ☐ ☐ ☐ Supplier ☐ ☐ ☐ ☐ Quality ☐ ☐ ☐ ☐		MRB (QS1042)																											
Date: _____		Sequence #: _____		QTY Affected: _____																													
Description Work Order Deviation		Disposition																															
Root Cause Operator ☐ ☐ ☐ ☐ Manufacturing Process ☐ ☐ ☐ ☐ Equip/Tooling ☐ ☐ ☐ ☐ Handling/Preservation ☐ ☐ ☐ ☐ Material ☐ ☐ ☐ ☐ Product Improvement ☐ ☐ ☐ ☐ Process Improvement ☐ ☐ ☐ ☐ Human Factors ☐ ☐ ☐ ☐		FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table> Other/Details: _____				Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong																														
Bending	Misaligned/off center	Folio/Program	Outside Tolerance																														
Crushing	BOM/Route	Grain Direction	Drawing																														
Cracks	Broken/Damage/Defect	Weld	Finish																														
Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing																														
Marks/Chatter	Drill Holes	Out of Sequence	Misread																														
Mislabeled	Fit/Function	Off-set/Set-up																															
		Completed By		Lead hand / Supervisor																													
		QC / QA Coordinator																															



Dart Aerospace Ltd.
1270 Aberdeen St
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K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044402



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044402

PO Date: 9/3/19

Due Date: 9/11/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-09-04

Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198306	RBW6521A00138-W142AH-3T-13	Base -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	9/11/19	4 pcs	0 pcs	4 pcs	\$7.50/pcs	\$30.00
				X4			SEP 13 2019				DP
							S209934				
2	198299	RBW6500X01611-W142E-3T-9	Small Seat -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	9/11/19	6 pcs	0 pcs	6 pcs	\$3.50/pcs	\$21.00
				X6			SEP 13 2019				DP
							S209637				



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PURCHASE ORDER

POHB044402



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	199237	RBW6500X01611-W142F-3T-3	Two Half Press Tool (Outside Processing - Black Oxide) - Issue P/O to GROUPE ALTECH; PO - Black oxide finish, MIL-C-13924C Class 1 - Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. - Material type; 1018 - Certificate of Conformity is required	Firmed	-	9/11/19	10 pcs	0 pcs	10 pcs	\$9.00/pcs	\$90.00
Line Item Note: 20 pcs = 10 complete parts SEP 13 2019 S208591 DP											
4	198298	RBW6500X01611-W142E-3T-7	Large Seat - Issue P/O; - Black oxide finish, MIL-C-13924C Class 1 - Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. - Material type; 1018 - Certificate of Conformity is required	Firmed	-	9/11/19	6 pcs	0 pcs	6 pcs	\$5.05/pcs	\$30.30
SEP 13 2019 S210444 DP DAS 61 9-89											
Grand Total:											\$171.30



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PURCHASE ORDER

POHB044402



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/4/19 10:05 AM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(022088-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupealtech.com

Bon de Livraison / Packing Slip

022088 - 1

Livré à / Ship to

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax: .

Client / Customer:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By		Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.			
12-Sep-2019		Jigar Patel				POHB044402			
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)		CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté Net NC Qty		À venir / Back Order
1	RBW6521A00138-W142AH-3T-13 Rev.	RBW6521A00138-W142AH-3T-13 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS		OXIDE-BLACK CH	4	4	0	0	0
2	RBW6500X01611-W142E-3T-9 Rev.	RBW6500X01611-W142E-3T-9 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS		OXIDE-BLACK CH	6	6	0	0	0
3	RBW6500X01611-W142F-3T-3 Rev.	RBW6500X01611-W142F-3T-3 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS		OXIDE-BLACK CH	20	20	0	0	0
4	RBW6500X01611-W142E-3T-7 Rev.	RBW6500X01611-W142E-3T-7 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS		OXIDE-BLACK CH	6	6	0	0	0

DAS
61
9-89

RECEIVED

SEP 13 2019

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.